

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION  
(FOR INTEL CORPORATION PATENT APPLICATIONS)**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**COHERENT LIGHT DESPECKLING**

the specification of which

is attached hereto.  
 was filed on November 2, 2000 as  
 United States Application Number 09/706,494  
 or PCT International Application Number \_\_\_\_\_  
 and was amended on \_\_\_\_\_  
 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

APPLICATION NUMBER	COUNTRY (OR INDICATE IF PCT)	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> No <input type="checkbox"/> Yes
			<input type="checkbox"/> No <input type="checkbox"/> Yes
			<input type="checkbox"/> No <input type="checkbox"/> Yes

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (ISSUED, PENDING, ABANDONED)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to:

Richard C. Calderwood, Reg. No. 35,468, BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP  
(Name of Attorney or Agent)

12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025 and direct telephone calls to:

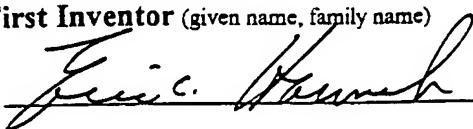
Richard C. Calderwood, (503) 684-6200.  
(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor (given name, family name)

Eric C. Hannah

Inventor's Signature



Date 12/11/00

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Full Name of Second/Joint Inventor (given name, family name)

Michael O'Connor

Inventor's Signature

Date 12-7-00

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Full Name of Third/Joint Inventor (given name, family name)

Inventor's Signature

Date

Residence

Citizenship

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(Country)

P. O. Address

Full Name of Fourth/Joint Inventor (given name, family name)

Inventor's Signature

Date

Residence

Citizenship

(City, State)

(Country)

P. O. Address

Full Name of Fifth/Joint Inventor (given name, family name)

Inventor's Signature

Date

Residence

Citizenship

(City, State)

(Country)

P. O. Address

**Full Name of Sixth/Joint Inventor** (given name, family name) \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
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**Full Name of Seventh/Joint Inventor** (given name, family name) \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

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**Full Name of Eighth/Joint Inventor** (given name, family name) \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
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**Full Name of Ninth/Joint Inventor** (given name, family name) \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
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**Full Name of Tenth/Joint Inventor** (given name, family name) \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
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**Full Name of Eleventh/Joint Inventor** (given name, family name) \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_  
(City, State) (Country)

P. O. Address \_\_\_\_\_

## APPENDIX A

William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Carol F. Barry, Reg. No. 41,600; Jordan Michael Becker, Reg. No. 39,602; Lisa N. Benado, Reg. No. 39,995; Bradley J. Bereznak, Reg. No. 33,474; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Andrew C. Chen, Reg. No. 43,544; Thomas M. Coester, Reg. No. 39,637; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. P46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. P46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; George Fountain, Reg. No. 37,374; James Y. Go, Reg. No. 40,621; James A. Henry, Reg. No. 41,064; Willmore F. Holbrow III, Reg. No. P41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Sang Hui Kim, Reg. No. 40,450; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Erica W. Kuo, Reg. No. 42,775; George B. Leavell, Reg. No. 45,436; Kurt P. Leyendecker, Reg. No. 42,799; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Robert G. Litts, Reg. No. 46,876; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, under 37 C.F.R. § 10.9(b); Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Dennis A. Nicholls, Reg. No. 42,036; Daniel E. Ovanezian, Reg. No. 41,236; Kenneth B. Paley, Reg. No. 38,989; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. P45,750; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey Sam Smith, Reg. No. 39,377; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Vincent P. Tassinari, Reg. No. 42,179; Edwin H. Taylor, Reg. No. 25,129; John F. Travis, Reg. No. 43,203; Joseph A. Twarowski, Reg. No. 42,191; Thomas A. Van Zandt, Reg. No. 43,219; Lester J. Vincent, Reg. No. 31,460; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. P46,322; Thomas C. Webster, Reg. No. P46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Justin M. Dillon, Reg. No. 42,486 and Raul Martinez, Reg. No. 46,904, my patent agents; of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Robert D. Anderson, Reg. No. 33,826; Joseph R. Bond, Reg. No. 36,458; Richard C. Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg. No. 39,973; Sean Fitzgerald, Reg. No. 32,027; John N. Greaves, Reg. No. 40,362; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Charles A. Mirho, Reg. No. 41,199; Leo V. Novakoski, Reg. No. 37,198; Naomi Obinata, Reg. No. 39,320; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Steven C. Stewart, Reg. No. 33,555; Raymond J. Werner, Reg. No. 34,752; Robert G. Winkle, Reg. No. 37,474; Steven D. Yates, Reg. No. 42,242, and Charles K. Young, Reg. No. 39,435; my patent attorneys, and Thomas Raleigh Lane, Reg. No. 42,781; Calvin E. Wells, Reg. No. P43,256; Peter Lam, Reg. No. 44,855; and Gene I. Su, Reg. No. 45,140; my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Dr. Sanjeev Kumar Singh is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of Trop, Pruner & Hu, P.C., to prepare and prosecute patent applications for clients of Trop, Pruner & Hu, P.C. in which a member of Trop, Pruner & Hu, P.C., is the attorney of record. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Dr. Sanjeev Kumar Singh ceases to lawfully reside in the United States, (ii) Dr. Sanjeev Kumar Singh's employment with Trop, Pruner & Hu, P.C. ceases or is terminated, or (iii) Dr. Sanjeev Kumar Singh ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: January 14, 2005**



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Harry I. Moatz  
Director of Enrollment and Discipline

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Eric C. Hannah et al. § Group Art Unit:  
Serial No.: 09/706,494 §  
Filed: November 2, 2000 § Examiner:  
For: Coherent Light Despeckling § Atty. Dkt. No.: ITL.0777US  
§ (P10028)

**POWER OF ATTORNEY BY ASSIGNEE**

Under the provisions of 37 C.F.R. § 3.71, the undersigned assignee of record of the entire interest in the above-identified patent/patent application by virtue of an assignment recorded (check as applicable):



Concurrently Herewith  
Date Recorded January 29, 2001  
Reel 011478 Frame 0015

elects to conduct the prosecution of the application/maintenance of the patent to the exclusion of the inventor(s). The undersigned hereby declares that he has reviewed the above-referenced assignment and hereby declares that, to the best of his knowledge, title is in the Assignee, and further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true. The assignee hereby revokes any previous powers of attorney and appoints the following to prosecute this application/maintain this patent and transact all business in the Patent and Trademark Office connected therewith:

Timothy N. Trop Reg. No. 28,994	Fred G. Pruner, Jr. Reg. No. 40,779	Dan C. Hu Reg. No. 40,025	Howard R. Boyle Reg. No. 29,617
Rhonda L. Sheldon Reg. No. 50,457	Alan K. Aldous Reg. No. 31,905	Edward Brake Reg. No. 37,784	Ben Burge Reg. No. 42,372
Robert A. Burtzlaff Reg. No. 35,466	George Chen Reg. No. 50,807	Jeffrey S. Draeger Reg. No. 41,000	Cynthia Thomas Faatz Reg. No. 39,973
Christopher Gagne Reg. No. 36,142	Jeffrey B. Huter Reg. No. 41,086	John Kacvinsky Reg. No. 40,040	Seth Z. Kalson Reg. No. 40,670
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Larry Mennemeier Reg. No. 51,003	Paul Nagy Reg. No. 37,896	Dennis A. Nicholls Reg. No. 42,036	Leo V. Novakoski Reg. No. 37,198

Lanny Parker Reg. No. 44,281	Thomas C. Reynolds Reg. No. 32,488	Kenneth M. Seddon Reg. No. 43,105	Mark Seeley Reg. No. 32,299
Steven P. Skabrat Reg. No. 36,279	Howard A. Skaist Reg. No. 36,008	Robert G. Winkle Reg. No. 37,474	Sharon Wong Reg. No. 37,760
Calvin E. Wells Reg. No. 43,256	Michael Willardson Reg. No. 50,856	Charles K. Young Reg. No. 39,435	

The undersigned is authorized to sign this statement on behalf of the Assignee.

Please direct all communications to:



21906

PATENT TRADEMARK OFFICE

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**ASSIGNEE**  
Intel Corporation

Date: June 11, 2002

BY: Thomas C. Reynolds  
Thomas C. Reynolds  
Director of Patents  
Intel Corporation  
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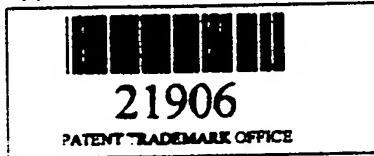
**Change Of Correspondence Address**Docket No.  
**ITL.0777US**  
**(P10028)**In R Patent Of: **ERIC C. HANNAH ET AL.**Serial No.  
**09/706,494**Filing Date:  
**November 2, 2000**

Examiner

Group Art Unit:

Invention: **COHERENT LIGHT DESPECKLING****TO THE COMMISSIONER FOR PATENTS**

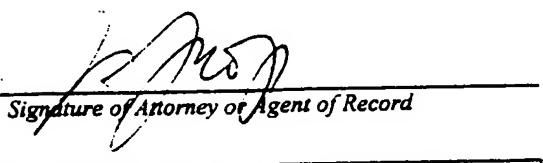
Please change the Correspondence Address for the above identified application to:

Customer Number **21906**

**Timothy N. Trop, Reg. No. 28,994**  
**Trop, Pruner & Hu, P.C.**  
**8554 Katy Freeway, Ste. 100**  
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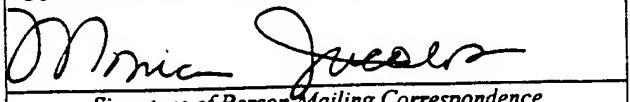
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*Signature of Attorney or Agent of Record*

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*Registration Number & Address Of Attorney or Agent of Record*Date: **June 13, 2002**

I certify that this document is being deposited on June 13, 2002 with the US Postal Service as First Class mail under 37 CFR 1.8 and is addressed to the Commissioner for Patents, Washington, DC 20231.

  
*Signature of Person Mailing Correspondence*

**Monica Jacobs**  
*Typed or Printed Name of Person Mailing Correspondence*